

AGRICULTURAL RESOURCE MANAGEMENT SURVEY

OMB No.: 0535-0218
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Survey ID: 2604 Phase 2



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COTTON PRODUCTION PRACTICES AND COSTS REPORT FOR 2025

VERSION 11	ID _____	TRACT 01	SUBTRACT ____	C-TYPE 106
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CONTACT RECORD

DATE	TIME	NOTES

The information you provide will be used for statistical purposes only. Your response will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection and Statistical Efficiency Act of 2018, Title III of Pub. L. No. 115-435, codified in 44 U.S.C. Ch. 35 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response is voluntary.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0218. The time required to complete this information collection is estimated to average 65 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

BEGINNING TIME

H	H	M	M
00	04		

[MILITARY] _____

SCREENING BOX

0006

☐ Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ ☐ check if cell phone

☐ Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ ☐ check if cell phone

☐ Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ ☐ check if cell phone

☐ Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ ☐ check if cell phone

Total Planted Acres

0050

1. How many acres of cotton did this operation plant for the 2025 crop year?.....

[If no acres planted, review Screening Information Form, make notes, then go to back page.]

Total Number of Fields
Planted

0020

2. What is the total number of fields for cotton that were planted on this operation?.....

[If only one field enter "1" and go to item 5.]

3. [Now, I need to identify a cotton field to be used for this survey.] The cotton field pre-selected for this interview is the:

1 ☐ Northern most field2 ☐ Southern most field3 ☐ Eastern most field4 ☐ Western most field5 ☐ Northeastern most field6 ☐ Southeastern most field7 ☐ Northwestern most field8 ☐ Southwestern most field

Field description:

4. The field selected is _____ (field name/number/description).

During this interview, the cotton questions will be about this selected cotton field.

[Be sure the operator can identify the selected field.]

5. For the randomly selected field above, please provide the following Farm Service Agency (FSA) identifiers:

[Having this information helps USDA make better use of other data you have provided to USDA and will improve the types of statistical analysis that can be done with the responses from this survey. If the physical field in this survey spans multiple FSA administrative fields, please include the farm, tract, and field number for the largest administrative field. These numbers are field identifiers that USDA uses to administer farm programs like crop insurance, commodity programs, and conservation programs.]

Number

1070

a. Farm Number (up to 8 digits).....

1071

b. Tract Number (up to 7 digits).....

1072

c. Field Number (up to 4 digits, exclude subfield letters).....

OFFICE USE
OY Field Substituted

0022

B**FIELD CHARACTERISTICS – SELECTED FIELD****B**

		Acres
		1301
1. How many acres of cotton did this operation plant in the selected field for the 2025 crop?.....		
		Code
a. Are the acres in the selected field certified organic or transitioning into certified organic cotton production?.....		Yes, Certified Organic=1 Yes, Transitioning=2 No=3
		4068
[If item 1a = 1 or 2, then ask—]		Dollars & Cents Per Acre
b. What was the cost, per acre, for third party organic certification?.....		1891
1 owned by this operation? 2 rented for cash with the payment being a fixed cash amount? 3 rented for cash with the payment being a flexible cash amount? 4 rented for a share of the crop? 5 rented for some combination of cash and share of the crop? 6 used rent free?		Code
2. Were the acres in the selected field—.....		1302
[If field is cash rented (item 2 = 2, 3, or 5), ask item 3, otherwise go to item 4.]		Dollars & Cents per Acre
3. What was the cash rent paid per acre for the selected 2025 cotton field?.....		1303
[If field is share rented (item 2 = 4 or 5), ask—]		Percent
4. What was the landlord's share of the crop from the selected field?.....		1304
[If field is rented (item 2 = 2, 3, 4, 5, or 6) ask—]		
5. What was the total cost for all inputs provided by any landlord for the 2025 crop on the selected field? INCLUDE the costs for all inputs, such as seed, fertilizer, chemicals, technical services, custom operations, drying, and irrigation. EXCLUDE real estate tax expenses and lime costs paid by the landowner.....		Dollars & Cents per Acre 1305
		OR
		Total Dollars
		1306
		Year
6. In what year did you (the operator listed on the label) start operating the selected field?.....		1312
		M M D D
7. On what date was the selected field planted?.....		1308
		_____ 2025
		Pounds per Acre
a. What was your yield goal for cotton lint at planting for the selected field? (EXCLUDE pounds of seed cotton.).....		3316
		Code
8. What type of cotton was planted on the selected field?.....		3317
1 Upland 2 Pima – extra long staple or ELS		

		Unit Code	
		1 Pounds/Acre	
		23 50 Pound Bags/Acre	
		25 Seeds/Acre	
		38 Seeds/Foot	
		40 250,000 Seed Bags/Acre	

9. What was the seeding rate per acre the first time the selected field was planted?.....

Units per Acre	Code
1313	3314

a. Was the cotton seed—.....

1 Drilled? 2 Planted in conventional rows? 3 Broadcast on the selected field?	Code
	1316

[If drilled or planted (item 9a = 1 or 2), ask—]

b. What was the average cotton row width for the selected field?.....

	Inches
	1322

10. Did the selected field have skip-row cotton?.....

	Code
	1323

[If item 10 = 1, continue. Otherwise go to item 11.]

Rows of Cotton	BY	Rows of Skip
1324		1325

a. What was the common skip pattern?.....

	Inches
	1326

b. What was the average width of the skip?.....

	Acres
	1315

11. How many acres in the selected field had to be replanted to cotton?.....

(Acres replanted = Number of acres x Number of times replanted)

12. For the 2025 cotton crop, was the cotton seed—.....

1 Treated with a pesticide prior to purchase? 2 Treated with a pesticide after purchase? 3 Not treated with a pesticide?	Code
	3062

[If item 12 = 1 or 2, continue. Otherwise go to item 13.]

a. What was the name of the seed treatment?
Write the seed treatment name in the box provided.....

	Seed Treatment Name
	1289

b. What was the seed treatment code? Enter the appropriate seed treatment code from the Respondent Booklet. Enter "999" if a seed treatment was applied but is not listed. Enter "-1" if the seed treatment is not known.....

	Code
	2325

13. On the selected field, what was the cost of purchased seed?

INCLUDE

- operator, landlord, and contractor costs
- cost of seed treatment and technology

Dollars & Cents Per Unit	Unit Code
1319	1 = Pounds 22 = Acres 23 = 50 lb bag 24 = 250,000 Seed Units
1320	

a. Was the cotton seed in the selected field—.....

1 Genetically modified/genetically engineered (GMO/GE)? 2 Non-genetically modified/non-genetically engineered (non-GMO/GE)?	Code
	4076

Code

2340

14. For the 2025 cotton crop, did you plant a commercial seed product on the selected field?.....

Yes=1
No=3

[If item 14 = 1, continue. Otherwise go to item 17.]

Commercial Seed Product Name

2342

a. What was the name of the seed product?
Write the seed product name in the box provided.....

b. What was the seed product code? Enter the appropriate seed product code from the Respondent Booklet. Enter "999" if a seed product was purchased but is not listed.
Enter "-1" if the seed product is not known.....

Code

2343

[If item 14b = 999 or -1, continue. Otherwise go to item 16.]

15. Did the cotton planted on the selected field have any of the following genetically modified organism/genetically engineered (GMO/GE) traits?

	Code
a. Insect resistance (Bt).....	2302
b. Insect resistance with multiple (pyramided) modes of action.....	2304
c. Herbicide tolerance to glyphosate (e.g. Roundup Ready®).....	2306
d. Herbicide tolerance to glufosinate (e.g. Liberty Link®).....	2312
e. Herbicide tolerance to dicamba (e.g. Extend®).....	2310
f. Herbicide tolerance to 2,4-D (e.g. Enlist®).....	2308

16. For what reason(s) did you choose this commercial seed product? (Select all that apply.)

- | | | |
|--|--|--|
| 4077 ☐ Increase yields through improved pest control | 4078 ☐ Reduce refuge requirements | 4079 ☐ Decrease pesticide input costs |
| 4008 ☐ Resistance to herbicide intentionally applied to the field | 4009 ☐ Resistance to herbicide drift from nearby fields | 4080 ☐ Save management time or labor or to improve ease of management |
| 4010 ☐ Other, specify: ⁴⁰⁸¹ _____ | | |

Code

1328

17. Has harvest of the selected field been completed?.....

Yes=1
No=3

[Now I need information about the acres harvested or to be harvested and the yields from the selected field.]

18. How many acres in the selected cotton field were or will be—

	1 What yield per acre did you or do you expect to get for cotton lint— Units per Acre	2 Unit code 1 Pounds 2 CWT 3 Tons Code
a. harvested for lint?.....	2346 _____	2347 _____
b. abandoned?.....	1351 _____	

Crop Code List for item 19 - Previously Planted Crops

190 Barley	311 Grasses including clover	240 Sorghum, all	292 Other crop
6 Corn for grain	1 Hay, alfalfa	26 Soybeans	312 Cover crop mix
5 Corn for silage	11 Hay, all other	263 Wheat, durum or spring	16 Peanuts
282 Cotton, pima	15 Oats	165 Wheat, winter	
281 Cotton, upland	22 Rye	318 No crop planted	
302 CRP	34 Ryegrass	291 Other field crop	

19. Please report the history of crops on the majority of the selected field, including cover crops.

1 What crops were planted on the selected field in— [For perennial crops (1, 11, 34, 292, 302, and 311), report the crop code in all seasons when the crop was growing.]			2 Was this a cover crop? Yes=1 No=3	3 If a cover crop was planted, what was the final method used to terminate this cover crop? 1 Tilled-in 2 Herbicide 3 Rolled 4 Grazed 5 Harvested for forage 6 Harvested for grain 7 Winter killed Code	4 What was the tillage used for this crop in this season? ^{1/} 1 No tillage 2 Strip tillage 3 Reduced tillage 4 Conventional tillage Code
Season and Year	Crop Name	Crop Code			
a. Spring/Summer of 2025?					4112
b. Fall of 2024?		1343	1470	1471	4113
c. Spring/Summer of 2024?		1369	1472	1473	4114
d. Fall of 2023?		1372	1474	1475	4115
e. Spring/Summer of 2023?		1375	1476	1477	4116
f. Fall of 2022?		1378	1478	1479	4117
g. Spring/Summer of 2022?		1381	1480	1481	4118
h. Fall of 2021?		1366	1482	1483	4119
i. Spring/Summer of 2021?		1340	1484	1485	4120

^{1/} –No-till leaves soil and previous crop residue mostly undisturbed from harvest to planting.

–Strip-till uses special equipment to till strips between crop rows, leaving the crop rows mostly undisturbed from harvest to planting.

–Reduced till refers to tillage with fewer passes and/or lower disturbance implements than conventional tillage, such as ridge till, chisel plowing, field cultivation, tandem disking, or vertical tillage.

–Conventional till is the practice of tilling by moldboard plow or disc plow where the soil surface and subsurface layers are disturbed.

[If a cover crop was planted in Spring/Summer/Fall 2024, ask—]

Dollars & Cents
per Acre

j. What was the seed cost per acre for the cover crop?.....

1468

k. What was the per-acre cost-share or financial assistance payments received for the cover crop?...

1495

[Enter zero if no program payment was received.]

l. In addition to the final method used to terminate the cover crop (reported in column 3 above) what other practices were applied to this cover crop? (Select all that apply.)

4082 ☐ Tilled in

4083 ☐ Terminated with herbicide

4084 ☐ Rolled

4085 ☐ Grazed

4086 ☐ Harvested for forage

4087 ☐ Harvested for grain

20. Is this field managed under an NRCS-approved conservation plan for highly erodible land (HEL)? All fields that have been designated as HEL by USDA, and that are being actively farmed, are required to have soil conservation plans under the conservation compliance program.....

Code	
Yes=1	0702
No=3	

21. Does the selected field contain a wetland? Wetlands are subject to Wetland Conservation (WC) or "swampbuster" requirements. Producers who receive farm program payments must refrain from draining wetlands to make them ready for crop production.....

Code	
Yes=1	1405
No=3	

22. What is the slope of the selected field?.....

- | | |
|---|---------------------------------|
| 1 | Nearly level (0 - 2%) |
| 2 | Even, moderate grade (3 - 9%) |
| 3 | Variable, moderate grade |
| 4 | Even, steep grade (10% or more) |
| 5 | Variable, steep grade |

Code	
	2400

23. What is the primary soil type of the selected field?.....

- | | |
|---|-------|
| 1 | Loam |
| 2 | Clay |
| 3 | Sandy |
| 4 | Mixed |
| 5 | Silty |

Code	
	2401

24. Did the land use practices for this field include subsurface drainage?.....

Code	
Yes=1	2402
No=3	

[If item 24 = 1, continue. Otherwise go to item 25.]

a. In what year was the current subsurface (tile) drainage installed?.....

Year	
	2403

b. Does this system include a mechanism for controlled drainage (e.g. stop logs, risers, or float mechanisms)?.....

Code	
Yes=1	2406
No=3	

25. Has the selected field ever been in any conservation program contracts for which you or your landlord received or expected to receive cost-sharing payments, stewardship payments, or incentive payments?

- | Unit Code | |
|-----------|---------|
| 1 | Current |
| 2 | Past |
| 3 | Never |

a. Environmental Quality Incentives Program (EQIP).....

	2611
--	------

b. Conservation Security or Conservation Stewardship Program (CSP).....

	2612
--	------

c. Conservation Reserve Program (CRP).....

	2613
--	------

d. Other Federal, State, Local, or non-Government source.....

	2614
--	------

26. For each of the following conservation practices or plans, indicate if the practice or plan was used on the selected field and any financial assistance associated with the practice or plan.

CONSERVATION PRACTICES OR PLANS	Was this practice or plan used on the selected field in 2025?	What financial assistance (cost-share) has been received for this practice on the selected field?
	1 Used in 2025 2 Not used in 2025 but used in earlier years 3 Never used Code	1 Received a payment in 2025 from EQIP, CSP, or similar program 2 Did not receive a payment in 2025 but have in earlier years 3 Have never received a payment for this practice Code
a. Contour farming	4088	4089
b. Terraces	4090	4091
c. Grass waterway	4092	4093
d. Filter strips	4094	4095
e. Field borders	4096	4097
f. Riparian buffers	4098	4099
g. Precision nutrient application	4100	4101
h. Irrigation water management	4102	4103

27. In 2025, was the cotton in the selected field covered by a single or named peril crop insurance policy (e.g. hail, replant, wind, freeze)?.....

Yes=1
No=3

Code

1393

[If item 27= 1 ask, otherwise go to item 28.]

a. In 2025, was the cotton in the selected field covered by more than one single or named peril crop insurance policy (e.g. hail, replant, wind, freeze)?.....

Yes=1
No=3

Code

2721

Dollar & Cents
per Acre

b. What was the dollar amount of coverage per acre for the single peril policy covering the selected field?.....

1395

• ____

c. What was the premium cost per acre for the single peril policy covering the selected field in 2025? EXCLUDE any sign-up fee.....

2722

• ____

Percent

d. What was the percent deductible for the single peril policy covering the selected field? [Record no deductible as "0"]......

2723

Code

e. Did you or will you collect an indemnity payment for the selected field from the single peril policy during 2025?.....

Yes=1
No=3

2724

28. In 2025, was the cotton in the selected field covered by a multi-peril crop insurance policy?.....	Yes=1 No=3	Code 1385
[If item 28 = 1 continue, otherwise go to Section C]		
a. What type of multi-peril coverage did you obtain?.....	1 Federal CAT – basic catastrophic insurance 2 Yield Protection (YP) 3 Revenue Protection (RP) 4 Other multi-peril crop insurance	Code 1386
[If item 28a= 2, ask—]		
i. What percent of yield coverage did you select for the selected field?.....		Percent 1387
ii. What percent of price coverage did you select for the selected field?.....		Percent 1388
[If item 28a= 3, ask—]		
iii. What percent of revenue coverage did you select for the selected field?.....		Percent 1389
b. What type of unit coverage did you purchase for the selected field?...	1 Basic 2 Optional 3 Enterprise	Code 2524
c. In what year did you, the operator listed on the label, first purchase multi-peril crop insurance on the selected field?.....		Year 2525 _ _ _ _
d. What is the 2025 Approved APH (actual production history) yield for the selected field?.....		Pounds per Acre 2526
e. What was the premium paid for multi-peril crop insurance for the selected field in 2025? EXCLUDE any sign-up fee.....		Dollars & Cents per Acre 2527 . _ _
f. Did you or will you collect an indemnity payment for the selected field from multi-peril crop insurance during 2025?.....	Yes=1 No=3	Code 2528

C

NUTRIENT or FERTILIZER APPLICATIONS – SELECTED FIELD

C

1. Were commercial nutrients or fertilizers applied to the selected field for the 2025 cotton crop? INCLUDE those from operators, landlords, and contractors.

Code	Office Use Edit Table
Yes=1 No=3	0202 0200

[If item 1 = 1 continue. Otherwise go to item 6]

2. How many commercial nutrient or fertilizer applications were made to the selected field for the 2025 crop? INCLUDE applications made by airplanes and custom applicators.....

Number
0203

3. Now I need to record information for each application.

CHECKLIST

INCLUDE

- ☐ Custom applied nutrients or fertilizers
- ☐ Nutrients or fertilizers applied in the fall of 2024 and those applied earlier if the selected field was fallow in 2024
- ☐ Commercially prepared manure or compost

EXCLUDE

- ☐ Micronutrients
- ☐ Unprocessed manure
- ☐ Nutrients or fertilizers applied to previous crops in the selected field
- ☐ Lime and gypsum/landplaster

Office Use Lines in Table	Table 001	0299
------------------------------	--------------	------

Nitrogen Codes for Column 2 Source/Form of N Used

- | | |
|---------------------------|---|
| 1 Anhydrous ammonia | 6 Ammonia sulfate |
| 2 Nitrogen solution (UAN) | 7 Potassium nitrate, magnesium nitrate, and calcium nitrate |
| 3 Urea | 8 Other nitrogen fertilizer material [specify: _____] |
| 4 Ammonium nitrate | |
| 5 Sodium nitrate | |

Application Codes for Column 6

- | | |
|---|--------------------------------|
| 1 Broadcast, ground without incorporation | 5 In irrigation water |
| 2 Broadcast, ground with incorporation | 6 Chisel/injected or knifed in |
| 3 Broadcast, by aircraft | 7 Banded in or over row |
| 4 In seed furrow | 8 Foliar or directed spray |

LINE	2 Materials Used [Enter percentage analysis or actual pounds of plant nutrients applied per acre.] [Show Common Nutrients or Fertilizers in Respondent Booklet] [Refer to nitrogen list above for type of nitrogen used.]					3 What quantity was applied per acre? [Leave this column blank if actual nutrients were reported]	4 [Enter material code] 1 Pounds 12 Gallons 13 Quarts 19 Pounds of actual nutrients	5 When was this applied? 1 In the fall before seeding 2 In the spring before seeding 3 At seeding 4 After seeding	6 How was this applied? [Refer to code list above]	7 How many acres in the selected field were treated in this application? Acres	8 Was this applied using variable rate technology (VRT)? Yes = 1 No = 3
	N Nitrogen	P ₂ O ₅ Phosphate	K ₂ O Potash	S Sulfur	Source/Form of N Used [Refer to code list above]						
01	31	32	33	34	35	36	37	38	39	40	27
02	31	32	33	34	35	36	37	38	39	40	27
03	31	32	33	34	35	36	37	38	39	40	27
04	31	32	33	34	35	36	37	38	39	40	27
05	31	32	33	34	35	36	37	38	39	40	27
06	31	32	33	34	35	36	37	38	39	40	27
07	31	32	33	34	35	36	37	38	39	40	27
08	31	32	33	34	35	36	37	38	39	40	27
09	31	32	33	34	35	36	37	38	39	40	27
10	31	32	33	34	35	36	37	38	39	40	27

		Code
4. Were any nutrients or fertilizers applied by custom applicators?.....	Yes=1 No=3	0214
[If item 4 = 1 continue. Otherwise go to item 5.]		
		Code
a. Are you able to report the cost of nutrient or fertilizer materials and custom application separately?.....	Yes=1 No=3	2216
[If item 4a = 1 continue. Otherwise go to item 5.]		
		Office Use
		0215
b. Excluding the cost of the nutrient or fertilizer materials, how much was spent for custom application of nutrients or fertilizers on the selected field?		
INCLUDE		
- operator, landlord, and contractor costs - costs for sulfur and micronutrients	Dollars & Cents per Acre	0219
		OR
EXCLUDE custom application of lime, gypsum, purchased manure, and purchased compost.....	Total Dollars	0220
[If material and application costs can't be separated, exclude them here and record the total in item 5.]		
5. What was the total cost of all nutrient or fertilizer products applied to the selected field?		
INCLUDE		
- operator, landlord, and contractor costs - costs for sulfur and micronutrients - materials applied to the selected field if it was fallow in 2024	Dollars & Cents per Acre	0221
		OR
EXCLUDE lime, gypsum, purchased manure, and purchased compost.....	Total Dollars	0222
[If custom applied and the cost of materials can be separated from application costs, include the cost of materials only; otherwise, include both the material and application costs.]		
		Code
6. Was gypsum applied to the selected field for the 2025 cotton crop?.....	Yes=1 No=3	0218
7. Was a soil test for soil organic matter performed on this cotton field at some point in the last 10 years?.....	Yes=1 No=3	3225
[If item 7 = 1, ask—]		
		Percent
a. What was the percentage of soil organic matter on the selected field for the most recent test?.....		3226
		Number
b. How many times have you tested the selected field for soil organic matter in the last 10 years?.....		3227
[If item 7b is more than 1, ask—]		
		Code
8. Was a soil or plant tissue test performed on the selected cotton field in 2024 or 2025 for the 2025 crop?.....	Yes=1 No=3	0224
[If item 8 = 1, continue. Otherwise go to item 13.]		
		Code
9. Was a soil test for phosphorus performed on the selected cotton field in 2024 or 2025 for the 2025 crop?.....	Yes=1 No=3	0225
[If item 9 = 1 ask—]		
		Pounds per Acre
a. How many pounds of phosphorus per acre were recommended by the phosphorus test?.....		0226
		Code
10. Was a soil test for nitrogen performed on this cotton field in 2024 or 2025 for the 2025 crop?.....	Yes=1 No=3	0227
[If item 10 = 1, ask—]		
		Pounds per Acre
a. How many pounds of nitrogen per acre were recommended by the nitrogen test?.....		0228

11. Was a plant tissue test or leaf analysis for nutrient deficiency performed on the selected field in 2024 or 2025 for the 2025 crop?.....	Yes=1 No=3	Code 0229
12. How much was spent for these soil and plant tissue tests on the selected field? INCLUDE operator, landlord, and contractor costs.....	Dollars & Cents per Acre	0230
	OR	Total Dollars 0231
a. Did you receive a payment from a conservation program (CSP, EQIP, or other) for performing a soil or plant tissue test?.....	Yes=1 No=3	Code 4121
[Enumerator Action: Refer to the Fertilizer Table, column 2. If nitrogen (N) was applied, complete item 13. If no nitrogen applied, go to item 15.]		
13. Was the amount of nitrogen you decided to apply to the selected field based on—		Code
a. Results of a soil or plant tissue test?.....	Yes=1 No=3	0233
b. Crop consultant recommendation?.....	Yes=1 No=3	0234
c. Fertilizer dealer recommendation?.....	Yes=1 No=3	0235
d. Extension Service recommendation?.....	Yes=1 No=3	0236
e. Cost of nitrogen and/or expected commodity price?.....	Yes=1 No=3	0237
f. Contractor recommendation?.....	Yes=1 No=3	0238
g. Routine practice – operator's own determination based on past experience, yield goal, etc.?..	Yes=1 No=3	0239
14. Which of the following products did you use to slow the breakdown of nitrogen on this field?.....	1 Nitrification inhibitors (such as N-Serve) 2 Urease inhibitors (such as Agrotain) 3 Chemical-coated fertilizers (such as sulfur-coated urea and polymer-coated urea) 4 Other inhibitors 5 None	Code 0241
[If nitrogen inhibitors were used, continue. Otherwise go to item 15.]		
a. How much nitrogen inhibitor did you mix with the nitrogen applied to the selected field?.....	Pounds per Acre	2561
	OR	Gallons per Acre 2562
b. What was the cost of nitrogen inhibitors used on this field? INCLUDE operator, landlord, and contractor costs.....	Dollars & Cents per Pound	0297
	OR	Dollars & Cents per Gallon 0298
15. Is lime ever applied to the selected field?.....	Yes=1 No=3	Code 0242
[If item 15 = 1 continue, otherwise go to item 16.]		
a. On average, how many years are there between applications of lime to the selected field?.....		Years 0243
b. How many tons of lime were applied per acre the last time it was applied to the selected field?.....		Tons per Acre 0244
c. Was lime applied to the selected field in 2024 or 2025 for the 2025 crop?.....	Yes=1 No=3	Code 0240

16. Was non-commercial (unprocessed) manure from own farm, from a neighbor's farm, etc., or other organic material, including compost, applied to the selected field for the 2025 cotton crop? Yes=1
No=3
- EXCLUDE commercially prepared manure.....

Code

0246

[If item 16 = 1 continue, otherwise go to Section D.]

Acres

- a. To how many acres in the selected field was manure or compost (including composted manure) applied?.....

0247

- b. Of the total acres in the selected field, to how many acres was the following applied?

Acres

i. Compost.....

0268

ii. Composted manure.....

4124

iii. Raw manure.....

4125

Unit Codes

1 Tons

2 Gallons

3 Bushels

4 Cubic Yards

Units Per Acre

- c. What was the amount of manure or compost (including composted manure) applied per acre to the selected field?.....

0249

0248

- d. Of the total manure or compost (including composted manure) applied to the selected field for the 2025 cotton crop, what was the percent applied—

Percent

i. in the fall before planting?.....

0254

+

ii. in the spring before planting?.....

0255

+

iii. after planting?.....

0256

+

100%

- e. Was the manure or compost (including composted manure).....

1 Lagoon liquid?
2 Slurry liquid?
3 Semi-dry or dry?

Code

0257

- f. Was the manure or compost (including composted manure).....

1 Broadcast or sprayed without incorporation?
2 Broadcast or sprayed with incorporation?
3 Injected/knifed in?
4 Sprayed using irrigation systems?

Code

0258

- g. Was the major source of manure or compost (including composted manure) from—.....

1 Beef cattle? 8 Turkey?
2 Dairy cattle? 9 Poultry (other)?
3 Hogs? 10 Equine?
4 Sheep/goats? 11 Biosolids ?
5 Broiler? 12 Don't Know
6 Layer? 13 Other, Specify:²⁷⁵² _____
7 Poultry breeder?

Code

0259

- h. Was the manure or compost (including composted manure).....

1 Produced on this operation?
2 Purchased?
3 Obtained at no cost off this operation?
4 Obtained with compensation – operator received payment for accepting the manure?

Code

0260

[If item 16h = 2, continue, otherwise go to item 16i.]

- i. What was the total cost of the purchased manure or compost (including composted manure) applied to the selected field?

Dollars & Cents
per Acre

OR

Total Dollars

0284

0285

INCLUDE

- operator, landlord, and contractor costs
- any payment made for transportation costs

Code

- ii. Did you hire someone to custom apply the manure or compost?

Yes=1
No=3

0286

[If item 16hii = 1, ask—]

- (a) What was the total cost paid to have manure or compost (including composted manure) custom applied to the selected field? INCLUDE operator, landlord, and contractor costs.....

Dollars & Cents
per Acre

OR

Total Dollars

0287

0288

[Do not report custom application cost if it was included with the purchased manure cost.]

Code

- i. Of the manure or compost applied to the selected field, was any tested for nutrient content prior to application?

Yes=1
No=3

0261

- j. Was the application rate of commercial nitrogen fertilizer on the selected field reduced due to manure or compost (including composted manure) application?

Yes=1
No=3

0262

[If 16j = 1, ask—]

Percent

- i. By what percent did you reduce the commercial nitrogen fertilizer application rate on the selected field?

0263

Code

17. Were the manure or compost (including composted manure) application rates to the selected field influenced by Federal, State, or local restrictions?

Yes=1
No=3

0264

[If item 17 = 1, ask—]

- a. What basis was used to determine these manure application rate restrictions—

Code

- i. Nitrogen requirement of the crop?

Yes=1
No=3

0265

- ii. Phosphorus requirement of the crop?

Yes=1
No=3

0266

NOTES

D**BIOCONTROL or PESTICIDE APPLICATIONS – SELECTED FIELD****D**

Now I have some questions about all the biocontrols or pesticides used on the selected field for the 2025 cotton crop, including both custom applications and applications made by this operation.

1. Were any herbicides, insecticides, fungicides or other biocontrols or pesticides used on this cotton field for the 2025 crop?.....

Yes=1
No=3

Code

Office Use
Edit Table

0302	0300
------	------

[Probe for applications made in the fall of 2024 and those made earlier if the selected field was fallow.]

If no biocontrols or pesticides applied, go to Section E.

INCLUDE defoliant, fungicides, herbicides, insecticides, and other pesticides.

INCLUDE biological and botanical pesticides.

EXCLUDE adjuvants, nutrients or fertilizers reported earlier and seed treatments.

Office Use Line in Table	Table 001	0399
-----------------------------	--------------	------

Chemical Product Name	L I N E	2 What products were applied to the selected field? [Show product codes from Respondent Booklet.]	3 Was this product bought in liquid or dry form? [Enter L or D]	4 If this was part of a tank mix, enter line number of first product in mix.	5 When was this applied? 1 Before planting 3 At planting 4 After planting 5 Defoliation prior to harvest	6 OR 7 How much was applied per acre per application? What was the total amount applied per application in the selected field?	8 [Enter unit code] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams
	01	61	62	63	64	65 73	74
	02	61	62	63	64	65 73	74
	03	61	62	63	64	65 73	74
	04	61	62	63	64	65 73	74
	05	61	62	63	64	65 73	74
	06	61	62	63	64	65 73	74
	07	61	62	63	64	65 73	74
	08	61	62	63	64	65 73	74
	09	61	62	63	64	65 73	74
	10	61	62	63	64	65 73	74
	11	61	62	63	64	65 73	74
	12	61	62	63	64	65 73	74
	13	61	62	63	64	65 73	74
	14	61	62	63	64	65 73	74

2. For biocontrols or pesticides not listed in Respondent Booklet, specify—

Line	Pesticide Type (Herbicide, Insecticide, Fungicide, etc.)	EPA No. or Trade Name and Formulation	Form Purchased (Liquid or Dry)	Where Purchased (Ask only if EPA No. cannot be reported)

Applications Codes for Column 9

- | | |
|---|----------------------------------|
| 1 Broadcast, ground without incorporation | 6 Chiseled/injected or knifed in |
| 2 Broadcast, ground with incorporation | 7 Banded in or over row |
| 3 Broadcast, by aircraft | 8 Foliar or directed spray |
| 4 In seed furrow | 9 Spot treatments |
| 5 In irrigation water | |

L I N E	9 How was this product applied? [Enter code from above.]	10 Was this applied using variable rate technology (VRT)? Yes = 1 No = 3	11 How many acres in the selected field were treated with this product? Acres	12 How many times was it applied? Number	13 Were these applications made by– 1 Operator, partner, or family member? 2 Custom applicator? 3 Employee/Other?	14 What was the cost per unit of the product?	
						Dollars & Cents Per Unit	Unit Code 1 Pounds 15 Liquid Ounces 12 Gallons 28 Dry ounces 13 Quarts 30 Grams 14 Pints
01	76	83	77	79	80	81	82
02	76	83	77	79	80	81	82
03	76	83	77	79	80	81	82
04	76	83	77	79	80	81	82
05	76	83	77	79	80	81	82
06	76	83	77	79	80	81	82
07	76	83	77	79	80	81	82
08	76	83	77	79	80	81	82
09	76	83	77	79	80	81	82
10	76	83	77	79	80	81	82
11	76	83	77	79	80	81	82
12	76	83	77	79	80	81	82
13	76	83	77	79	80	81	82
14	76	83	77	79	80	81	82

Code

Yes=1	0323
No=3	

3. Were any chemicals, biocontrols, or pesticides applied by custom applicators?.....

[If item 3 = 1 ask, otherwise go to item 4.]

Code

Yes=1	0324
No=3	

a. Are you able to report the cost of chemical, biocontrol, and pesticide products and custom application separately?.....

[If item 3a = 1, ask—]

Dollars & Cents
per Acre

OR

Total Dollars

b. Excluding the cost of the chemical, biocontrol, and pesticide products, how much was spent for custom application of such materials on the selected field? INCLUDE operator, landlord, and contractor costs.....

0331

0332

4. What was the total cost of all chemical, biocontrol, or pesticide products applied to the selected field? INCLUDE operator, landlord, and contractor costs, defoliants, herbicides, insecticides, fungicides, surfactants, wetting agents, growth regulators, and materials applied before planting and during 2024 fallow period. EXCLUDE seed treatments.....

Dollars & Cents
per Acre

OR

Total Dollars

0334

0335

Dollars & Cents
per Acre

OR

Total Dollars

a. How much was spent for herbicide products applied to the selected field?
INCLUDE operator, landlord, and contractor costs.....

3034

3035

Dollars & Cents
per Acre

OR

Total Dollars

b. How much was spent for insecticide products applied to the selected field? INCLUDE operator, landlord, and contractor costs.....

3036

3037

Dollars & Cents
per Acre

Total Dollars

c. How much was spent for fungicide products applied to the selected field?
INCLUDE operator, landlord, and contractor costs.....

3038

3039

Note: If custom applied and the costs for materials can be separated from application costs, include the cost for materials only. Otherwise, report both the material and application costs in item 4.

Now I have some questions about your pest management decisions and practices used on the selected field for the 2025 cotton crop. By pests, we mean weeds, insects, and diseases.

[Enumerator Action: Were pesticide applications reported in Section D?]

☐ Yes – Continue ☐ No – Go to item 6

	Yes=1 No=3	Code
1. Were weather data used to assist in determining either the need or when to make pesticide applications?.....		0800
2. Were any biological pesticides such as Bt (<i>Bacillus thuringiensis</i>), insect growth regulators, neem or other natural/biological based products sprayed or applied to manage pests in the selected field?.....		0801
3. Were pesticides with different mechanisms of action rotated or tank mixed for the primary purpose of keeping pests from becoming resistant to pesticides?.....		0802

[Enumerator Action: Were herbicide (pesticide product codes 40000–49999) applications reported in Section D, item 1, column 2?]

☐ Yes – Continue ☐ No – Go to item 6

	Yes=1 No=3	Code
4. Were herbicides applied to this cotton field before weeds emerged?.....		0803
5. Were herbicides applied to this cotton field after weeds emerged?.....		0805
6. Were records kept for the selected field to track the activity or numbers of weeds, insects, or diseases?.....		0823
7. Did you use published information on infestation thresholds to determine when to take measures to manage pests in the selected field?.....		1824

8. In 2025, how was the selected field primarily scouted for insects, weeds, diseases, and/or beneficial organisms?.....

- 1 By deliberately going to the field specifically for scouting activities [Enter code 1 and go to item 9.]

2 By conducting general observations while performing routine tasks [Enter code 2 and go to item 10.]

3 The selected field was not scouted. [Enter code 3 and go to item 13.]

Code

0808

9. Was an established scouting process such as systematic sampling, recording counts, etc. used or were insect traps used in the selected field? EXCLUDE traps checked as part of a boll weevil eradication program.....

Code

Yes=1
No=3

0809

10. Was scouting for pests done in the selected field due to—

a. a pest advisory warning?.....

Yes=1
No=3

Code

0810

b. a pest development model?.....

Yes=1
No=3

0811

[If scouted by crop consultant or commercial scout, ask item 11, otherwise go to item 12.]

	Dollars & Cents per Acre	OR	Total Dollars
11. How much was charged for the scouting services for the selected field? INCLUDE operator, landlord, and contractor costs.....	0821		0822

Code

12. Were scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests in the selected field?.....

0824

13. Did you use field mapping of previous weed problems to assist you in making weed management decisions?.....

Yes=1
No=3

0825

14. Did you do any of the following other types of pest management for the specific purpose of managing or reducing the spread of pests in the selected field?

	Yes=1 No=3	Code
a. Use the services of a diagnostic laboratory for pest identification or soil plant tissue pest analysis for the selected field?.....		0841
b. Plow down crop residue using conventional tillage?.....		0842
c. Remove/burn down crop residue?.....		0843
d. Rotate crops in the selected field during the past three years?.....		0844
e. Maintain ground covers, mulches, or other physical barriers?.....		0845
f. Choose crop variety because of specific resistance to a certain pest?.....		0846
g. Use no-till or minimum till?.....		0847
h. Plan planting locations to avoid cross infestation of pests?.....		0848
i. Adjust planting or harvesting dates?.....		0849
j. Chop, spray, mow, plow, or burn field edges, lanes, ditches, roadways, or fence lines?.....		0850
k. Clean equipment and field implements after completing field work to reduce the spread of pests?.....		0851
l. Adjust row spacing, plant density, or row directions?.....		0852
m. Have the seed treated for insect or disease control after you purchased the seed for the selected field?.....		0854
n. Maintain a beneficial insect or vertebrate habitat?.....		0855
o. Use a flamer to kill weeds?.....		0857
p. Maintain buffer strips or border rows to isolate cotton from non-organic crops or land, or did you take a buffer harvest?.....		0856
q. Plant earlier or later to avoid weeds?.....		0865

15. Were any beneficial organisms, such as insects, nematodes, or fungi, applied or released in the selected field to manage pests?.....

Yes=1 No=3	Code
	0853

16. Were floral lures, attractants, repellants, pheromone traps, or other biological pest controls used on the selected field?.....

Yes=1 No=3	Code
	0858

[If item 15 or item 16 = 1, ask—]

a. What were the total materials and application costs for all biological pest controls for the selected field?

INCLUDE

- operator, landlord, and contractor costs
- cost for beneficial organisms, insects, nematodes, and fungi

EXCLUDE biological pesticides previously reported.....

Dollars & Cents
per Acre

0859	_____
------	-------

OR

Total Dollars

0860

Code

17. Was a trap crop, excluding fallow, grown to help manage insects in the selected field?.....

Yes=1 No=3	Code
	0863

18. Was the selected field left in fallow in 2024 to help manage insects on the selected field?.....

Yes=1 No=3	Code
	0864

19. Were water management practices such as irrigation scheduling, controlled drainage, or treatment of retention water used on the selected field to manage pests or toxin-producing fungi and bacteria?.....	Yes=1 No=3	Code 0861
20. Was protection of beneficial organisms a factor in your pest control decisions for the selected field?.....	Yes=1 No=3	1765
[If item 20 = 1, continue. Otherwise, go to item 21.]		
a. Did you change the timing of, reduce application rate of, or eliminate a pesticide application?.....	Yes=1 No=3	Code 1766
b. Did you change to an alternative pesticide, biocontrol, or non-pesticide practice?.....	Yes=1 No=3	1767
21. If you used Bt seeds on the selected field in 2025, indicate the number of consecutive years you have planted Bt seeds in the selected field.....		Number of Years 0831
[Note: A producer who used Bt cotton in 2025 and 2024, but conventional in 2023, has used Bt cotton for "2" consecutive years.]		
[If item 21 is greater than 1, ask—]		
a. If you have ever switched from a Bt seed with a single mode of action to a Bt seed with multiple (pyramided) modes of action, indicate the year that this change was made.....		Year 0832 ____
22. If you used GMO/GE glyphosate-tolerant seeds on the selected field in 2025, indicate the number of consecutive years you have planted GMO/GE glyphosate-tolerant seeds in the selected field.....		Number of Years 1970
[If item 22 is greater than 1, ask—]		
a. What year did you first plant any GMO/GE glyphosate-tolerant seeds on the selected field?.....		Year 1971 ____
23. If you used GMO/GE dicamba-tolerant seeds on the selected field in 2025, indicate the number of consecutive years you have planted GMO/GE dicamba-tolerant seeds on the selected field.....		Number of Years 1972
[If item 23 is greater than 1, ask—]		
a. What year did you first plant any GMO/GE dicamba-tolerant seeds on the selected field?.....		Year 1973 ____
24. On the selected field in 2025, did you observe symptoms associated with injury from dicamba such as leaf petiole twisting, an increased number of nodes, or height reduction?.....	Yes=1 No=3	Code 1974
[If item 24 = 1, continue. Otherwise go to item 25.]		
a. Did you report the injury to the state or local officials?.....	Yes=1 No=3	Code 1981
b. Was the injury investigated by the state or local officials?.....	Yes=1 No=3	1982
25. As far as you are aware, did farmers in neighboring fields observe leaf petiole twisting or other symptoms associated with injury from dicamba in 2025?.....	Yes=1 No=3	1976
[If item 25 = 1, continue. Otherwise go to item 26.]		
a. As far as you are aware, did farmers in your county observe leaf petiole twisting or other symptoms associated with injury from dicamba in 2025?.....	Yes=1 No=3	Code 1977
26. As far as you are aware, did farmers in neighboring fields plant dicamba-tolerant cotton in 2025?.....	Yes=1 No=3	1978
[If item 26 = 1, continue. Otherwise go to item 27.]		
a. As far as you are aware, did farmers in your county plant dicamba-tolerant cotton in 2025?...	Yes=1 No=3	Code 1979
27. On the selected field in 2025, did you observe symptoms associated with injury from 2,4-D such as leaf strapping, stem twisting, or callous tissue formation?.....	Yes=1 No=3	4018

28. Have any of the following herbicides been used on the selected field in the specified years since?

1 Active Ingredients	2 2025 Yes=1 No=3	3 2024 Yes=1 No=3	4 2023 Yes=1 No=3	5 2022 Yes=1 No=3	6 2021 Yes=1 No=3
a. Glyphosate (e.g. Roundup®)	2001	2002	2003	2004	2005
b. Glufosinate (e.g. Liberty®)	2006	2007	2008	2009	2010
c. Dicamba (e.g. Xtend®, Xtendimax®, Engenia®)	2011	2012	2013	2014	2015
d. 2,4-D (e.g. Enlist®)	2016	2017	2018	2019	2020

Code

29. Have herbicide-tolerant seeds been planted on the selected field any time since 2021?.....

Yes=1
No=3

2021

[If item 29 = 1 continue. Otherwise go to item 30.]

If column 2 = 1, ask questions in columns 3 – 6

1 For herbicide-tolerant seeds that are tolerant of—	2 Have you noticed a decline in the effectiveness of this herbicide in controlling weeds in the selected field? Yes=1 No=3	3 What was the first year you noticed a decline in the effectiveness of this herbicide in controlling weeds in the selected field? Year	4 After noticing the decline in the effectiveness of this herbicide in controlling weeds on the selected field, did you — Stop planting herbicide resistant crops with this trait? Yes=1 No=3	5 Change tillage practices? Yes=1 No=3	6 Switch to an alternative herbicide? Yes=1 No=3
a. Glyphosate (e.g. Roundup®)	2022	2023	4106	2025	2026
b. Glufosinate (e.g. Liberty®)	2027	2028	4107	2030	2031
c. Dicamba (e.g. Xtend®, Xtendimax®, Engenia®)	2032	2033	4108	2035	2036
d. 2,4-D (e.g. Enlist®)	2037	2038	4109	2040	2041

Code

30. Did pests (weeds, insects, pathogens, animals) cause any yield loss on the selected field in spite of your pest control efforts?.....

Yes=1
No=3

0827

[If item 30 = 1, ask—]

Pounds per Acre

- a. How much yield loss do you think was caused by all pests on the selected field in spite of the management practices you used to reduce those losses?.....
31. If untreated (either with insecticides or Bt seeds), how much yield loss do you think insects would most likely cause on the selected field?.....
32. If untreated (either with herbicides, tillage, or cultivation) how much yield loss do you think weeds would most likely cause on the selected field?.....

0829

4110

0869

**Completion Code for
Pest Management Data**

1 Incomplete/Refusal

0500

F FIELD OPERATIONS – SELECTED FIELD
F

1. Including custom operations, I need to list field work performed by machines on the selected field for the 2025 cotton crop. Please...

- begin with the first field operation after harvest of the previous crop, including operations for a cover crop established since the previous crop was harvested. If fallow during 2024, list operations starting with fall 2023.
- list the operations in order through harvest and hauling of this crop to storage or first point of sale; and
- maintain the order of tandem hook-ups.

Codes for Column 5

- 1 You (the Operator)
- 2 Partner
- 3 Unpaid Worker
- 4 Paid Part-time or Seasonal Worker
- 5 Paid Full-time Worker
- 6 Custom Applicator

 Office Use
Lines in Table

0499

Check List

INCLUDE all field work using machines for—

- ☐ Land forming/Levee Building
- ☐ Tillage
- ☐ Preparing for Irrigation
- ☐ Planting
- ☐ Fertilizer & Pesticide applications
- ☐ Harvesting
- ☐ Module Building
- ☐ Hauling from field to gin

EXCLUDE

- ☐ Lime & Gypsum/land plaster applications
- ☐ Compost & Non-commercial manure applications

1 LINE No.	2 SEQUENCE No.	3 What operation or equipment was used?	4 [Record machine code from Respondent Booklet.] Code	5 Who was the machine operator? [Enter code from above.] Code	[If Column 5 = code 6, skip columns 6 thru 11]					
					6 What was the size or swath of the [machine] used? Code	7 [Record size unit code.] 1 Feet 2 Row 3 Moldboard bottoms Hauling 4 Pounds 5 Bushels 6 Tons Code	8 How many acres were covered? EXCLUDE land forming and hauling operations. Acres	9 How many total hours were spent on land forming and hauling? [Example: backhoes, disk border maker, ditcher, rear mounted blade, trucks, wagons, forklift etc.] Hours	10 What power source was used? Tractors 1 <40 HP 2 40-99 HP 3 100-149 HP 4 150-199 HP 5 >=200 HP OR 66 Animal Drawn 77 Pick-up ^{1/} 99 Self-Propelled Code	11 What was the fuel type of the tractor? [Record fuel type only if Column 10 equals 1-5] 1 Diesel 2 Gasoline 3 LP gas 4 Other Code
01	87		88	89	90	91	92	93	94	95
02	87		88	89	90	91	92	93	94	95
03	87		88	89	90	91	92	93	94	95
04	87		88	89	90	91	92	93	94	95
05	87		88	89	90	91	92	93	94	95
06	87		88	89	90	91	92	93	94	95
07	87		88	89	90	91	92	93	94	95
08	87		88	89	90	91	92	93	94	95
09	87		88	89	90	91	92	93	94	95
10	87		88	89	90	91	92	93	94	95
11	87		88	89	90	91	92	93	94	95
12	87		88	89	90	91	92	93	94	95
13	87		88	89	90	91	92	93	94	95
14	87		88	89	90	91	92	93	94	95
15	87		88	89	90	91	92	93	94	95
16	87		88	89	90	91	92	93	94	95
17	87		88	89	90	91	92	93	94	95
18	87		88	89	90	91	92	93	94	95

^{1/}If trucks other than pick-ups are used as the power source, use truck codes in Respondent Booklet.

OFFICE USE

0400

[Enumerator Action: Were machine or equipment codes reported in item 1?]

4029 ₁ ☐ Yes – Continue

₃ ☐ No – Go to item 3

2. Were any of the machines or equipment reported in Columns 3 or 4 of item 1 purchased new during 2025?.....

Yes = 1
No = 3

Code

4030

[If item 2 = 1, continue. Otherwise go to item 3.]

1 Machine purchased new in 2025	2 [Record machine code from respondent booklet.] Code	3 Dealer's list price of the machine. (This should be the "sticker price," not including discounts or trade-in values for used machinery.) Dollars
4031	4032	4033
4034	4035	4036
4037	4038	4039
4040	4041	4042
4043	4044	4045

3. Now I need some additional information about your labor.

Please report the paid and unpaid labor that worked on the selected field to produce the 2025 cotton crop.

EXCLUDE labor that was reported for field work performed by machines.

Type of Workers	How many hours did (type of worker) spend on the selected field—		
	1 scouting for weeds, insects and diseases? Hours	2 irrigating? Hours	3 performing other work by hand? Hours
You (the operator)	1101	1102	1103
Partner(s)	1104	1105	1106
Unpaid workers	1107	1108	1109
Paid part-time or seasonal workers EXCLUDE custom and contract labor	1110	1111	1112
Paid full-time workers EXCLUDE custom and contract labor	1113	1114	1115

4. What was the average hourly wage rate paid to part-time or seasonal hired workers on the selected field? Part-time workers are defined as those who worked for wages or salaries for less than 30 hours a week on average. EXCLUDE custom and contract workers, payroll taxes and benefits.....

Dollars & Cents
Per Hour

OR

Total Dollars per
Week

AND

Number of
Hours Worked
Each Week

1119

2119

3119

5. What was the average hourly wage rate paid to full-time hired workers on the selected field? EXCLUDE custom and contract workers, payroll taxes and benefits.....

Dollars & Cents
Per Hour

OR

Total Dollars per
Week

AND

Number of
Hours Worked
Each Week

1118

2118

3118

6. Was any contract labor used on the selected field?.....	Code Yes=1 No=3 1116
Dollars & Cents Per Acre	
[If item 6 = 1, ask—] a. What was the average cost per acre for this contract labor? INCLUDE operator, landlord, and contractor costs.....	1117
Percent	
7. What percent of the total number of unpaid hours worked on the selected field was performed by workers under 16 years of age? Estimates of labor costs for unpaid workers are based on off-farm wage rates, which are different for workers under 16 relative to those 16 and older.....	1120

8. Now I need some information on how much was spent or will be spent for custom services used on the selected field for the 2025 cotton crop.

1 Custom Service	2 Including operator, landlord, and contractor costs, how much was spent for [column1] on the selected field for the 2025 cotton crop? Dollars & Cents per Acre
Which of the following services were performed for the 2025 cotton crop on the selected field?	
[Check box for each service performed; refer to item 1 if necessary.]	
☐ a. Custom land preparation, shaping and/or leveling?	1121 _____
☐ b. Custom cultivating?	1122 _____
☐ c. Custom planting and/or reseeding?	1123 _____
☐ d. Custom harvesting?	1124 _____
☐ e. Custom module building? (Dollars & cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & cents per acre)	1125 _____
☐ f. Custom hauling from field to gin? (Dollars & cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & cents per acre)	1126 _____
[If custom harvesting, module building, and hauling from field to gin cannot be separated, ask—]	
☐ g. Custom harvesting, module building, and hauling from field to gin? (Dollars & cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & cents per acre)	2127 _____

[Note: Do not report cotton ginning costs. If harvesting, module building, and/or hauling costs cannot be separated from ginning costs, report the nonresponse code (-1) for those costs that cannot be separated.]

9. Was the cotton harvested and hauled from the selected field dried (or will be dried) before it was sold or stored?.....	Code Yes=1 No=3 2748
10. Did you hire or receive any technical or consultant services to make recommendations such as for nutrient, pest control, irrigation, or precision farming for the selected field?.....	Yes=1 No=3 1196

[If item 10 = 1, continue. Otherwise, go to item 14.]

11. Which of the following technical or consultant services did you obtain to make recommendations for the selected field?

	Code
a. Nutrient recommendations/management service?.....	Yes=1 1129 No=3
b. Soil or tissue sample collection?.....	Yes=1 1130 No=3
c. Pest control recommendations/management service?.....	Yes=1 1131 No=3
d. Pest scouting.....	Yes=1 1132 No=3
e. Irrigation management service (e.g. irrigation scheduling)?.....	Yes=1 1133 No=3
f. Yield map or remote sensing map development/interpretation?.....	Yes=1 1134 No=3
g. Other custom or technical service? Specify: 2753	Yes=1 1135 No=3

[If any item in 11a-g = 1, continue. Otherwise, go to item 14.]

	Code
12. Were any of the technical or consultant services listed in item 11a-g provided to you at no cost or were partially reimbursed by the Natural Resources Conservation Service?.....	Yes=1 4046 No=3

13. What was the cost for all of these services? INCLUDE operator, landlord, and contractor costs. EXCLUDE cost of soil/tissue tests or scouting cost reported earlier. Do not report costs for any of these services if they were previously reported as part of the cost of materials and/or application.....

Dollars & Cents
per Acre

OR

Total Dollars

1136

1137

14. Please report the data collection technologies you used on the selected field in 2025 to produce this crop.

1 Data Collection Tool	2 Was this tool used on the selected field? Yes = 1 No = 3	3 If the tool was used—			
		3 Did this tool collect GPS coordinates? Yes = 1 No = 3	4 Are data from this tool used to create a map? Yes = 1 No = 3	5 What is the replacement cost for this tool? Total Dollars	6 What is the annual fee for using this tool? 1/ Total dollars
a. Yield monitor	2461	2462	2463	2570	2571
b. Soil tests on core sample (performed on-farm or sent out to a laboratory)	2464	2465	2466	2572	2573
c. Soil sensor tests	2467	2468	2469	2574	2575
d. Hard-wired crop condition sensors	2470	2471	2472	2576	2577
e. Wireless crop condition sensors	2473	2474	2475	2578	2579
f. Drones or Unmanned Aerial Vehicles (UAV)	2476	2477	2478	2580	2581
g. Custom service applications (data from completed work on your field)	2479	2480	2481	2582	2583
h. Public data downloaded from online sources	2482	2483	2484		

1/ INCLUDE custom service fees, data subscriptions, and online tool subscriptions.

[If item 14a column 2 = 1, continue, otherwise go to item 16.]

15. Did you use the yield monitor information to—

	Code
a. add/improve tile drainage?.....	Yes=1 1141 No=3
b. negotiate new crop leases?.....	Yes=1 1144 No=3
c. help determine chemical input use?.....	Yes=1 1143 No=3

[If any of item 14 column 2 = 1, continue, otherwise go to item 18.]

16. Using data collected from the previous tools table in item 14, did you obtain crop management recommendations, such as data interpretation, in 2025 for the selected field from any of the following—

	Code
a. input dealers without other fee-for-services?.....	Yes=1 2491 No=3
b. input dealers with other fee-for-services?.....	Yes=1 2492 No=3
c. custom service providers?.....	Yes=1 2493 No=3
d. USDA/university extension services?.....	Yes=1 2494 No=3

[If crop management recommendations were obtained, ask—]

	Dollars & Cents per Acre	OR	Total Dollars
e. What was the cost for all of these services? INCLUDE operator, landlord and contractor costs. EXCLUDE costs for any of these services if they were previously reported as part of the costs of materials and/or application.....	3150		3151

[If item 14g column 2 = 1, ask—]

17. In the selected field, did you use the UAV for any of the following purposes?

	Code
a. Weed analysis?.....	Yes=1 3161 No=3
b. Yield analysis?.....	Yes=1 3165 No=3
c. Moisture analysis?.....	Yes=1 3166 No=3

18. Was any of the following GPS-enabled (Global Positioning System) equipment used to produce cotton on the selected field in 2025?

	Code
a. Mounted in-cab heads-up displays?.....	Yes=1 2155 No=3
b. Smart phones or computer tablets?.....	Yes=1 2156 No=3
c. Automatic section control, such as auto sprayer boom controls or automatic section shut offs?.....	Yes=1 2165 No=3

19. If any GPS-enabled equipment was used, what was the cost to purchase and install all GPS-enabled equipment, not including guidance auto steering equipment? INCLUDE cost for GPS receiver and annual GPS subscription fee, and operator, landlord, and contractor costs. EXCLUDE costs for any of this equipment if they were previously reported as part of the costs of materials and/or application.....

	Dollars & Cents per Acre	OR	Total Dollars
	2166		2167

20. Were any automated guidance systems (e.g. auto steer), excluding Light Bar, used on the selected field?.....

Yes=1
No=3

Code

2148

[If item 20 = 1 ask—]

a. Was the automated guidance system—.....

1 New, owned?
2 Used, owned?
3 Leased?

Code

2158

b. What year was the automated guidance system first purchased?.....

Year

2159

c. What is the replacement cost for the automated guidance system?.....

Dollars & Cents
per Acre

2160

OR

Total Dollars

2161

d. What is the annual fee for the automated guidance system?.....

2162

2163

e. For what reasons did you choose to use an automated guidance system? (Select all that apply.)

4047 ☐ Increase yields

4048 ☐ Reduce input costs

4049 ☐ Reduce operator fatigue

4050 ☐ Improve soil conditions
(e.g. soil compaction)

4051 ☐ Technology came "standard"
on my equipment

4052 ☐ Reduce environmental
impacts (e.g. emissions)

4053 ☐ Other, specify: ⁴¹²² _____

[If item 20 = 3, ask—]

f. For what reasons did you choose not to use an automated guidance system? (Select all that apply.)

4054 ☐ Costs are too high
relative to benefits

4055 ☐ Benefits are uncertain

4056 ☐ Too complicated to use

4057 ☐ Not sufficiently accurate

4058 ☐ Not suitable for my operation

4059 ☐ Other, specify: ⁴¹²³ _____

Code

2164

21. Was a variable rate applicator used on this field?.....

Yes=1
No=3

[If item 21 = 1 continue, otherwise go to Section G.]

Please report the variable rate applicator types you used on the selected field to produce the cotton in 2025.

1	2	3	4	5	6
Was a variable rate applicator used on the selected field for—	Tool Used? Yes = 1 No = 3	Was this applicator— 1 Sensor-based? 2 GPS-based? 3 Both? 4 Neither? Code	Was this applicator— 1 New, owned? 2 Used, owned? 3 Leased? Code	What year was the applicator first used? Year	What was the premium paid for the applicator? Total Dollars
a. seeding?	1158	2170	2171	2172	2173
b. fertilizer/lime applications?	1152	2174	2175	2176	2177
c. pesticide applications?	1159	2178	2179	2180	2181
d. irrigation applications?	1197	2182	2183	2184	2185

Acres

1160

1. How many acres in the selected field were irrigated for the 2025 cotton crop?.....

[If none, go to Conclusion.]

2. Now I have some questions about the irrigation system and water used on the selected field for the 2025 cotton crop.

a. What type of irrigation system was used to irrigate the selected field?
[Show System Type Codes in the Respondent Booklet. Enter System Type Code for system that applied the most water.].....

Unit	System
System Type Code	1161
Inches per Acre OR Total Acre Feet	1162
	1163

b. What was the total quantity of water applied to the selected field during the entire growing season? INCLUDE all water used from both on-farm and off-farm sources and applied by any irrigation system.....

[If operator cannot provide item 2b, ask (i) and (ii), otherwise go to 2c.]

i. What is the total number of hours this system was used to apply water to the selected field during the cotton growing season?.....

Total Hours	1164
-------------	------

ii. How many gallons per minute were applied?.....

Gallons per Minute	1165
--------------------	------

c. What percent of the water used to irrigate the selected field through this system came from surface water sources?.....

Percent	1166
---------	------

d. What was the number of times the selected field was irrigated during the cotton growing season using this system? INCLUDE any pre-plant irrigation.....

Number of Irrigations	1167
-----------------------	------

e. What was the pump type?
[If more than one pump in the system, enter type for pump closest to water source.].....

1 Turbine
2 Submersible
3 Centrifugal
4 Booster
5 Siphon
99 No Pump

[If code 99, go to item j.].....

Code	1168
------	------

f. What was the average pumping rate?.....

Gallons per Minute	1169
--------------------	------

[If item 2a = code 1–9 (Pressure System), ask—]

g. What was the system operating pressure?.....

Pounds per Square Inch	1170
------------------------	------

h. What was the primary motor type used to pump the water?.....

1 Diesel
2 Gasoline
3 LP Gas
4 Natural Gas
5 Electricity
6 Solar Power

Code	1171
------	------

i. What was the average motor size?.....

Horsepower	1172
------------	------

[If NO PUMP was used (item 2e = 99), ask—]

j. What was the average flow rate?.....

Gallons per Minute	1173
--------------------	------

k. How many other acres on this operation were irrigated using the selected field's irrigation system during the 2025 growing season? EXCLUDE the selected field.....

Acres	1174

	Dollars & Cents per Acre	OR	Total Dollars
3. What was the cost of the fuel or electricity used to irrigate the selected field? INCLUDE operator, landlord, and contractor costs.....	1189		1190
			Code
4. Was any water purchased to irrigate the selected field? INCLUDE landlord's share and purchases from all sources.....		Yes=1 No=3	1191
[If item 4 = 1 continue. Otherwise, go to item 5.]			
	Dollars & Cents per Acre	OR	Total Dollars
a. What was the total cost for the water purchased for the selected field during the 2025 growing season? INCLUDE operator, landlord, and contractor costs and ditch maintenance costs for the selected field.....	1193		1194
			Total Dollars
			1201
5. What would be the total cost to replace all the siphon tubes used on the selected field?.....			Total Dollars
[If siphon tubes were used, item 2a = 10 or 11, ask—]			1202
6. What was the total amount spent for poly pipe used on the selected field during the 2025 growing season? INCLUDE operator, landlord, and contractor costs.....			Inches
[If gated pipe system was used, item 2a = 15 or 16, ask—]			1203
7. What was the average diameter of gated pipe used to irrigate the selected field?.....			Feet
			1204
a. What was the total length of gated pipe used?.....			Code
[If pipe systems were used, item 2a = 10, 11, 14, 15, or 16, ask—]			1205
8. Were wells used to supply irrigation water for the selected field?.....		Yes=1 No=3	Number
[If item 8 = 1 continue, otherwise go to item 9.]			1206
a. How many wells were used to irrigate the selected field?.....			Inches
			1207
b. What was the average diameter of the outer well casing?.....			Feet
c. What was the average pumping depth of these wells during the irrigation season? Pumping depth is the depth to water at the start of the irrigation season, plus an average decline in the water level caused by pumping during the irrigation season.....			1208
			Code
d. Were other fields irrigated using water pumped from wells that supplied water to the selected field?.....		Yes=1 No=3	1210
[If item 8d = 1 continue. Otherwise go to item 9.]			Acres
e. Excluding the selected field, how many other acres on this operation were irrigated using the same wells during the 2025 growing season?.....			1211
			Code
9. Was any additional mainline or lateral pipe used to carry water from the source to the system in the selected field? INCLUDE underground pipe. EXCLUDE any system pipe within the selected field.....		Yes=1 No=3	2211
[If item 9 = 1 continue. Otherwise go to Conclusion.]			Inches
			1212
a. What was the average diameter in inches of the most common type of this additional pipe used?....			Feet
			1213
b. How many feet of this additional pipe were used to bring water to the selected field?.....			

CONCLUSION**Location of Selected Field**

I need to locate the selected field of cotton on this map.

1. What county is the selected cotton field in?.....

County Name

Office Use
State County FIPS Code

0010

LATITUDE

LONGITUDE

a. Field location.....

9854

9855

decimal

decimal

[Enumerator Action: Use the iPad app to find the coordinates for the center of the selected field. Confirm with the operator using the aerial imagery that this is the correct field.]

We will need additional information to complete this study. We will contact you in February or March 2026 to collect it. I'll call you then to set up a time that is good for you.

2. Ending time.....

Records Used

3. [Did respondent use farm/ranch records to report—]

Code

Yes=1
No=3

0011

[fertilizer data].....

Code

Yes=1
No=3

0012

[pesticide data].....

Code

Yes=1
No=3

0013

[majority of this
expense data?].....**Supplements Used**

4. [Record the total number of each type of supplement used to complete this interview.]

Number

0041

Fertilizer Supplement.....

Number

0042

Pesticide Supplement.....

Number

0043

Field Operations.....

Contact Information

Operator Email:

Operator Phone:

9929

Check to receive
results by email
☐

9918

() _____

check if
cell phone
☐

Operation Email: (if different from above)

Operation Phone: (if different from above)

9937

Check to receive
results by email
☐

9936

() _____

check if
cell phone
☐

Respondent Name:

Respondent Phone (if different from above)

9912

9911

() _____

check if cell
phone
☐

9910 MM DD YY

Date: ____ ____ ____

This completes the survey. The results will be available on the release date at nass.usda.gov/results
Thank you for your help.

OFFICE USE

R. Unit	Ptr 1 Str	Ptr 2 Str	Ptr 3 Str	Ptr 4 Str	OPS	SSO 1	ADJ	Optional Use	
9921	9922	9923	9927	9928	923	9907	922	9906	9916
Response		Respondent		Mode		Enum.	POID		
1-Comp 2-R 3-Inac 4-Office Hold	9901	1-Op/Mgr 2-Spouse 3-Acct/Bkpr 4-Partner 9-Other	9902	2-PATI (tel) 3-PAPI (Face-to-Face)	9903	9998	9989		
							Eval.		Change
							9900		9985